

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
	Eung Je WOO, et al)
Serial No.:	10/541,719) Art Unit
Confirmation No.:	9815) 3736
Filing Date:	April 14, 2006)
For:	SYSTEM AND METHOD FOR THREE- DIMENSIONAL VISUALIZATION OF CONDUCTIVITY AND CURRENT DENSITY DISTRIBUTION IN ELECTRICALLY CONDUCTING OBJECT)
Examiner:	Michael T. Rozanski)

Mail Stop AMENDMENT – NO FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Restriction Requirement dated August 23, 2007, Applicant respectfully submits the following to be filed in the above-identified application.

The Examiner has restricted the claims to one of the following inventions required under 35 U.S.C. 121:

- I. Claims 1-9, drawn to a system for visualizing conductivity and current density distributions, classified in class 600, subclass 410.
- II. Claims 10-20, drawn to a method for visualizing conductivity and current density distributions, classified in class 600, subclass 410.

The Examiner has also requested an election of a single disclosed species, including an election of a single sub-species to be examined along with the elected species. The Examiner has identified the species as follows:

- Species A, as shown in Figure 1;
- Species B as shown in Figure 3A; and
- Species C as shown in Figure 3B.

The Applicant hereby elects with traverse invention I set forth in claims 1-9 and Species A as shown in Figure 1. Claims 1-9 also read on Figure 1.

The Applicant respectfully traverses the restriction requirement. According to MPEP 803, “If the search and examination of all the claims in an application can be made without serious burden, the examiner must examine them on the merits, even though they include claims to independent or distinct inventions.” According to the Examiner on page 2 of the Office Action, “there would be a serious burden on the examiner if restriction is not required because the inventions require a different field of search (see PMEP § 808.02)....” However, the Examiner has indicated that both inventions are classified in class 600, subclass 410. Therefore, the Examiner has indicated that both inventions are similarly classified and the Applicant would assume have at least substantially overlapping search criteria, if not the same search criteria. Thus, the Applicant asserts that since both inventions have the same classification a search and examination of the claims in the application can be made without serious burden on the examiner and respectfully request that inventions I and II be examined together.

Moreover, the Applicant respectfully notes that the Examiner has identified separate species as shown in Figures 1, 3A, and 3B and suggests that the species are independent or distinct because they have distinct structural elements that would require different searches in the art. The Examiner also suggests that the embodiments are non-obvious variants of each other. Applicant respectfully traverses.

It appears that the Examiner misunderstands what is shown in Figures 1, 3A, and 3B. Figure 1 shows a plurality of current injecting devices 100. Figure 2 illustrates a first example of one current injecting device, and Figures 3A and 3B illustrate a second example of another current injecting device. In particular Figure 3A shows the second example in cross section and Figure 3B also shows the second example in floor plan. Thus, Figures 3A and 3B show the same

embodiment from different perspectives and therefore cannot be different species as species are defined as different embodiments. *See* MPEP 808.01a and MPEP 809.02(a). As the Examiner has identified two figures of the same embodiment from different perspectives as different species, the restriction requirement is improper and the Applicant respectfully requests that the restriction requirement be withdrawn.

Dated this 21st day of September, 2007.

Respectfully submitted,

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